

ABSTRACT

An evolution approach involves the automatic generation of an evaluation function. According to an example embodiment of the present invention, a consensus result from a population of designs is used to evaluate designs in the population for fitness. New designs are evolved using the consensus result as an evaluation function, with newly-evolved designs replacing ones of the population of designs determined to be unfit. With this approach, automatic design evolution is carried out independently from a fixed evaluation function, which is sometimes susceptible to error.